

## AOD Goals for FY 2004

- **Operate the accelerator systems responsively to user needs**
  - Continue to develop and automate tools to better identify causes of faults and provide for increased operational reliability
  - Continue to develop instrumentation and analysis tools to better characterize and control the beam
  - Continue motivating and integrating operators into more aspects of operation
  - Contribute to achieving greater than 95% availability and greater than 40 hours MTBF in areas of MCR Operations, OAG, and Diagnostics
- **Provide an increased level of facility and user technical operations support**
  - Maintain an IT infrastructure that achieves an increasing level of service and supports the research and development efforts of not only the APS staff, but also APS users
  - Promote increased utilization of an effective beamline software/hardware infrastructure to APS users that is readily available, documented, and supported
  - Maintain an effective safety organization that takes on a more significant role in safety support to the user community and provides experiment review oversight
  - Maintain and develop technical/scientific staff to provide guidance, support, and review in areas of radiation protection, beamline design, and operation
  - Develop and maintain a spare parts pool for beamline support
  - Upgrade x-ray beam path critical component configuration control and maintenance processes
  - Improve procedures for review and evaluation of new designs for critical components
  - Improve the reliability of beamlines
- **Provide a high level of administrative support to users and user programs**
  - Develop and maintain an effective general user process and a centralized scheduling and utilization tracking process
  - Maintain an efficient user registration process to facilitate user access to the facility
  - Maintain accurate, comprehensive, and readily available user-related statistics
  - Facilitate user scientific and administrative reviews, workshops, and meetings
  - Implement document management improvements
  - Maintain effective means of communication between the facility and user community
  - Develop outreach activities to facilitate the expansion of the APS user base, as well as to increase its national character
  - Investigate/implement procedures to allow for improved remote user training
- **Maintain a high level of performance of the site operations infrastructure**
  - Work with PFS in establishing clear lines of responsibility, availability of spare parts, and maintenance needs
  - Provide a high level of services to both APS staff and users in areas such as stockroom services, shipping/receiving, and document management
  - Implement a graded approach to document management
  - Improve interactions between APS divisions by collaboration on joint projects
  - Implement a graded approach to project management
  - Enhance EFOG, BCDA, TBLS, IT, & IS responsiveness to user requests
- **Provide a safe, productive, and rewarding environment for staff as well as users**
  - Improve responsiveness to user requests